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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,752	04/30/2001	Brian T. Murren	GE1-002US	3457
21718	7590	08/25/2006	EXAMINER	
LEE & HAYES PLLC SUITE 500 421 W RIVERSIDE SPOKANE, WA 99201			SIDDIQI, MOHAMMAD A	
			ART UNIT	PAPER NUMBER
			2154	

DATE MAILED: 08/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/845,752

Applicant(s)

MURREN ET AL.

Examiner

Mohammad A. Siddiqi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 06 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 10-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8, 10-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1-8 and 10-34 are presented for examination. Claim 9 has been cancelled.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-8 and 10-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Helgeson et al. (6,643,652) (hereinafter Helgeson).
4. As per claim 1, Helgeson discloses a server system, comprising:  
one or more computers (elements of fig 1); and  
an application executing on the computers to handle client requests,  
the application comprising (507, fig 5, col 6, lines 4-9; col 49, lines 19-21):

a business logic layer to process (505, fig 5) the client requests according to a particular business domain and produce replies to be returned to the clients in response to the client requests (business applications platform, elements of fig 4, col 11, lines 39-62); and

a presentation layer separate from (decoupling data from presentation, col 6, lines 45-50; col 49, lines 19-21), but in communication with, the business logic layer to structure the replies in a manner that makes the replies presentable on different types of client devices (col 2, lines 50-67; col 6, lines 25-50; col 49, lines 19-21) according to a tag library containing pre-constructed tags for a variety of data formats (col 2, lines 50-67, col 51, lines 65-67, col 52, lines 1-2); and

a request dispatcher to structure a reply for service back to a client device (col 2, lines 50-67, col 51, lines 65-67, col 52, lines 1-2), the request dispatcher being configured to access the tag library to obtain tags to structure the reply according to a particular data format (col 2, lines 50-67, col 51, lines 65-67, col 52, lines 1-2).

5. As per claim 12, the claim is rejected for the same reasons as claim 1, above.

6. As per claim 2, Helgeson discloses wherein the application is reconfigurable to other business domains by substituting other business logic layers that are designed to process the client requests according to the other business domains (see discussion of business applications server, col 6, lines 31-39).

7. As per claims 3 and 13, Helgeson discloses wherein the presentation layer is configured to determine a layout of content in the replies (see discussion of WDK, col 6, lines 44-50).

8. As per claims 4 and 14, Helgeson discloses wherein the presentation layer is configured to determine display attributes in the replies (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation, col 6, lines 44-50).

9. As per claims 5 and 15, Helgeson discloses wherein the different types of client devices support different data formats, the presentation layer being configured to select appropriate data formats for encoding the replies (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation, col 6, lines 44-50).

10. As per claims 6 and 16, Helgeson discloses wherein the different types of client devices support different communication protocols, the presentation layer being configured to select appropriate communication protocols for delivering the replies to the clients (413, 408, 405, fig 4, col 11, lines 39-67).

11. As per claims 7 and 26, Helgeson discloses, wherein the presentation layer is configured to determine how to display the replies for a particular client (413, 408, 405, fig 4, col 11, lines 39-67; col 6, lines 44-50; web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation).

12. As per claim 8, Helgeson discloses, wherein the presentation layer comprises: a presentation tier to determine how the replies will appear on the client devices to users (col 6, lines 44-50; web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation); and

a rendering tier, separate from the presentation tier, to determine how to render the replies on the client devices (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation,

col 6, lines 44-50; col 51, lines 46-67, see discussion of creating the HTML documents).

13. As per claims 10 and 25, Helgeson discloses wherein the request dispatcher is configured to select a communication protocol to be used to serve the reply back to the client device (413, 408, 405, fig 4, col 11, lines 39-67).

14. As per claim 11, Helgeson discloses, wherein the presentation layer further comprises a content renderer to conform the reply structured by the request dispatcher to output capabilities of the client device

to which the reply will be returned (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation, col 6, lines 44-50; col 51, lines 46-67, see discussion of creating the HTML documents).

15. As per claim 17, the claim is rejected for the same reasons as claim 1, above. In addition Helgeson discloses, wherein the rendering component is configured to conform the reply to a specific display at the particular client (col 51, lines 61-63).

16. As per claim 18, the claim is rejected for the same reasons as claims 1 and 5, above.

17. As per claims 19 and 30, Helgeson discloses wherein the presentation tier is configured to determine at least one of (1) a layout of the data (all style and presentation for given page, col 51, lines 35-46), (2) a color scheme in which to present the data (all style and presentation for given page, col 51, lines 35-46), (3) a presentation theme, and (4) a particular skin appearance (all style and presentation for given page, col 51, lines 35-46).

18. As per claims 20, 28, and 29, Helgeson discloses wherein the presentation tier is configured to select a data encoding format for encoding the data and a communications protocol in which to send the data to the client device (col 57 lines 47-48; col 86, lines 35-51).

19. As per claim 21, Helgeson discloses wherein the presentation tier comprises multiple dispatchers, each dispatcher being configured to encode the data according to a particular encoding format (col 57 lines 47-67).



20. As per claim 22, Helgeson discloses wherein the presentation tier comprises multiple dispatchers, each dispatcher being configured to package the data according to a particular communications protocol (delivery service, col 86, lines 35-51).

21. As per claim 23, Helgeson discloses wherein the presentation tier comprises:

a tag library containing pre-constructed tags for a variety of data formats (col 51, lines 47-52); and

a request dispatcher to structure a reply for service back to a client device, the request dispatcher being configured to access the tag library to obtain tags to structure the reply according to a particular data format (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation, col 6, lines 44-50; col 51, lines 46-67, see discussion of creating the HTML documents).

22. As per claim 24, the claim is rejected for the same reasons as claim 1, above. In addition, Helgeson discloses multiple request dispatchers to structure replies to be returned to client devices in response to requests submitted by the client devices, individual request dispatcher formatting data according to particular formats that are supported by the client devices

protocol according to the tag library (col 11, lines 39-67, col 51, lines 47-67); and

content renderer to conform the replies to output capabilities of the client devices to which the replies are to be returned (col 11, lines 39-67, col 51, lines 47-67, see discussion of creating the HTML documents).

23. As per claim 27, the claim is rejected for the same reasons claim 1 and 24, above.

24. As per claim 31, the claim is rejected for the same reasons claim 1 and 23, above.

25. As per claim 32, Helgeson discloses wherein the configuring comprises sizing the reply for a display at the client (col 51, lines 47-67 and col 52, lines 1-10).

26. As per claim 33, the claim is rejected for the same reasons as claims 1 and 8, above.

27. As per claim 34, the claim is rejected for the same reasons as claim 23, above.

***Response to Arguments***

28. Applicant's arguments filed 06/06/2006 have been fully considered but they are not persuasive, therefore rejections to claims 1-8 and 10-34 is maintained.

29. In general, Applicant's arguments on pages 11-22 reflect a difference of opinion over the teachings of the prior art and how these teachings would be evaluated in light of the knowledge generally available to those in the appropriate art and the level of ordinary skill in the art. Moreover, Applicant's take an overly narrow view of the claim language.

30. In the remarks applicants argued that:

**Argument:** Helgeson fails to disclose a business logic layer to process the client requests according to a particular business domain and produce replies to be returned to the clients in response to the client requests.

**Response:** Helgeson discloses a business logic layer (common business objects, 505, fig 5) to process the client requests (web clients, 515, fig 5) according to a particular business domain (integrate disparate business applications systems, col 1, lines 35-40) and produce replies to be returned to the clients in response to the client requests (common business object,

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505, fig 5, please see discussion of best mode, fig 17, col 134-136, Using web standards for XML and XSL, Web Content Server 800 provides a user with a customizable framework for decoupling data from presentation, and generating web content in a variety of formats, from standard HTML to WML).

**Argument:** Helgeson fails to disclose a tag library containing pre-constructed tags for a variety of data formats.

**Response:** Helgeson discloses a tag library containing pre-constructed tags for a variety of data formats (fig 8A-8C, col 2, lines 50-67, col 51, lines 30-67, col 52, lines 1-2, Using web standards for XML and XSL, Web Content Server provides a user with a customizable framework for decoupling data from presentation, and generating web content in a variety of formats, from standard HTML to WML).

**Argument:** Helgeson fails to disclose the application is reconfigurable to other business domains by substituting other business logic layers that are designed to process the client requests according to the other business domains.

**Response:** Helgeson discloses wherein the application is reconfigurable to other business domains by substituting other business logic layers that are designed to process the client requests according to the other business

domains (Helgeson invention relates to systems and processes to be used in a business systems platform generally used to integrate disparate business applications systems in an efficient manner, across multiple hardware platforms; see discussion of business applications server, col 6, lines 31-39).

**Argument:** Helgeson fails to disclose the presentation layer is configured to determine a layout of content in the replies.

**Response:** Helgeson discloses the presentation layer is configured to determine a layout of content in the replies (fig 8A-8C and 17; col 6, lines 44-50; Using web standards for XML and XSL, Web Content Server provides a user with a customizable framework for decoupling data from presentation, and generating web content in a variety of formats, from standard HTML to WML).

**Argument:** Helgeson fails to disclose a presentation tier to determine how the replies will appear on the client devices to users.

**Response:** Helgeson discloses a presentation tier to determine how the replies will appear on the client devices to users (col 6, lines 44-50; (fig 8A-8C and 17; col 6, lines 44-50; Using web standards for XML and XSL, Web Content Server provides a user with a customizable framework for decoupling data from presentation, and generating web content in a variety of formats, from standard HTML to WML).

**Argument:** Helgeson fails to disclose the presentation tier is configured to select a data encoding format for encoding the data and a communications protocol in which to send the data to the client device.

**Response:** Helgeson discloses the presentation tier is configured to select a data encoding format for encoding the data and a communications protocol in which to send the data to the client device (col 57 lines 47-48; col 86, lines 35-51; Using web standards for XML and XSL, Web Content Server provides a user with a customizable framework for decoupling data from presentation, and generating web content in a variety of formats, from standard HTML to WML).

### ***Conclusion***

31. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the

advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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